IN THE UNITED STATES PATENT AND TRADEMARK OFFICE DOCKET NO. 71493-1202 (RAB:bbp)

In re Patent Application of NORTEL NETWORKS LIMITED

Serial No.

10/662,465

Group Art Unit:

Filed: September 16, 2003

Examiner:

For:

OFDM SYSTEM AND METHOD EMPLOYING OFDM SYMBOLS WITH KNOWN OR

INFORMATION-CONTAINING PREFIXES

INFORMATION DISCLOSURE STATEMENT

This Information Disclosure Statement is being filed in the manner prescribed by 37 CFR 1.97(b)

- (d) to satisfy the duty under 37 CFR 1.56 to disclose to the Office information, known to

individuals associated with the filing and prosecution of the subject application, which is

material to the examination of the application.

In accordance with 37 CFR 1.97(g) and (h), this statement is not to be construed as a

representation that a search has been made or an admission that the information cited herein is, or

is considered to be, material to patentability as defined in 37 CFR 1.56(b).

In accordance with 37 CFR 1.97(e), I hereby certify that each item of information contained in

this Information Disclosure Statement was first cited in a communication from a foreign patent

office in a counterpart foreign application not more than three months prior to the filing of this

statement.

In compliance with 37 CFR 1.98(a)(2), also enclosed is a legible copy of:

i) each foreign patent;

ii) each publication or that portion which caused it to be listed; and

all other information or that portion which caused it to be listed, excluding any iii)

2

copies of a United States patent application.

In compliance with 37 CFR 1.98(a)(1), a list of all patents, publications, applications or other

information submitted for consideration by the Office is hereby provided by way of the attached

Form PTO-1449.

It is respectfully requested that the information be expressly considered by the Examiner and that

the references be made of record and appear among the "References Cited" on any patent to issue

therefrom.

The Patent Office is hereby authorized to charge any deficiency, or credit any overpayment in

fees to Deposit Account Number 19-2550.

Respectfully submitted,

SMART & BIGGAR

Dated: December 2, 2004

Allan Brett

Reg. No. 40,476

10g. 110. 10,170

Smart & Biggar P.O. Box 2999, Station D 55 Metcalfe Street, Suite 900

Ottawa, Ontario Canada K1P 5Y6

Telephone: (613) 232-2486

Fax: (613) 232-8440

Encls.:

Form PTO-1449 PCT Search Report

A copy of each foreign patent

A copy of each non-patent reference

| A | OF | | | |
|---|---------------------|-----------------------------|-----------------------|--|
| Form PTO-1449 (Modified) | 6 2 | Atty. Docket No. 71493-1202 | Serial No. 10/662,465 | |
| LIST OF PATENTS AND PUBLICATION FOR APPLICANT'S INFORMATION | , | Applicant NORTEL NETWOR | RKS LIMITED | |
| DISCLOSURE STATEMENT (Use several sheets if necessary) | STEAT & TO A DEALER | Filing Date Sept. 16, 2003 | Group | |

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

| EXAM. INIT. | | DOCUMENT NUMBER | DATE | NAME | CLASS | CLASS | APPROPRIATE |
|----------------|----------|-------------------|------------|--------------|-------|----------|-------------|
| | AA | US 20020122381 A1 | 2002.09.05 | Wu, Shiquan | | | |
| | AB | US 20020041635 A1 | 2002.04.11 | Ma, Jianglei | | İ | İ |
| | · | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | - |
| | - | | | | | | |
| | - | | | | | _ | |
| <u> </u> | <u> </u> | | | | | <u> </u> | |
| | | FC | REIGN PATE | NT DOCUMENTS | | | |

| | | | | | | SUB | TRANSLATION | |
|---|----|-----------------|------------|---------|-------|-------|-------------|----------|
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | CLASS | YES | NO |
| | AC | CA 2,354,196 A1 | 2003.01.26 | CA | | | | Х |
| | | | | | | | | |
| | | | | | | | | |
| 1 | | | | | I | | | <u> </u> |

OTHER ART (including Author, Title, Date, Pertinent Pages, Etc.)

| | AD | Witschnig, H. et al. | "A Different Look on Cyclic Prefix for SC/FDE" Personal, indoor and Mobile Radio Communications, 2002. The 13th IEEE International Symposium On, Vol. 2, 15-18 Sept. 2002, pages 824-828. | | |
|-------|-----|----------------------|---|--|--|
| | AE | Deneire, L. et al. | "Training Sequence vs. Cyclic Prefix A New Look On Single Carrier Communication" Global Telecommunications Confrence, 2000. Globecom '00. IEEE, Vol. 2, 27 Nov - 1 Dec. 2000, pages 1056-1060. | | |
| | AF | Benvenuto, N. et al. | "On the Comparison Between OFDM and Single Carrier Modulation with a DFE Using a Frequency-Domain Feedforward Filter". IEEE Transactions on Communications, Vol. 50, issue 6, June 2002, pages 947-955. | | |
| | AG | Bi, Q. et al. | "Performance of 1xEV-DO Third-Generation Wireless High-Speed Data Systems". Bell Labs Technical Journal, Vol 7, issue 3, Wiley Periodicals, Inc., March 2003, pages 97-107. | | |
| EXAMI | NER | I | DATE CONSIDERED | | |

EXAMINER:

Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.